

Date Mailed March 27, 2002

Sheet 1 of 20

FORM 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008.42USC1	Application Number: 10/033,575
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KV	3,260,656	07/12/1966	Ross, Jr.			
	3,653,841	04/04/1972	Klein			
	3,719,564	03/06/1973	Lilly, Jr. et al.			
	3,776,832	12/04/1973	Oswin et al.			
	3,837,339	09/24/1974	Aisenberg et al.			
	3,972,320	08/03/1976	Kalman			
	3,979,274	09/07/1976	Newman			
	4,008,717	02/22/1977	Kowarski			
	4,016,866	04/12/1977	Lawton			
	4,055,175	10/25/1977	Clemens et al.			
	4,059,406	11/22/1977	Fleet			
	4,076,596	02/28/1978	Conicry et al.			
	4,098,574	07/04/1978	Dappen			
	4,100,048	07/11/1978	Pompei et al.			
	4,151,845	05/01/1979	Clemens			
	4,168,205	09/18/1979	Danninger et al.			
	4,172,770	10/30/1979	Semersky et al.			
	4,178,916	12/18/1979	McNamara			
	4,206,755	06/10/1980	Klein			
	4,224,125	09/23/1980	Nakamura et al.			
KV	4,240,438	12/23/1980	Updike et al.			
	4,240,889	12/23/1980	Yoda et al.			
	4,247,297	01/27/1981	Berti et al.			
	4,271,119	06/02/1981	Columbus			
	4,318,784	03/09/1982	Higgins et al.			
	4,340,458	07/20/1982	Ferner et al.			
	4,356,074	10/26/1982	Johnson			

EXAMINER: <i>[Signature]</i>	DATE CONSIDERED: 11/24/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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FOR PTO USE ONLY APR 10 2002 PATENT & TRADEMARK OFFICE	INFORMATION DISCLOSURE STATEMENT		
	IN AN APPLICATION		
	(Use several sheets if necessary)		
	Docket Number 12008.42USC1	Application Number 10/033.575	
Applicant: LIAMOS ET AL.		Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KC	4,365,637	12/28/1982	Johnson			
	4,366,033	12/28/1982	Richter et al.			
	4,375,399	03/01/1983	Havas et al.			
	4,384,586	05/24/1983	Christianson			
	4,392,933	07/12/1983	Nakamura et al.			
	4,401,122	08/30/1983	Clark, Jr.			
	4,404,066	09/13/1983	Johnson			
	4,407,159	10/04/1983	Tsuji et al.			
	4,418,148	11/29/1983	Oberhardt			
	4,420,564	12/13/1983	Tsuji et al.			
	4,427,770	01/24/1984	Chen et al.			
	4,431,004	02/14/1984	Bossmann et al.			
	4,436,094	03/13/1984	Cerami			
	4,440,175	04/03/1984	Wilkins			
	4,444,892	04/24/1984	Malmros			
	4,450,842	05/29/1984	Zick et al.			
	4,461,691	07/24/1984	Frank			
	4,469,110	09/04/1984	Slama			
	4,477,314	10/16/1984	Richter et al.			
	4,483,924	11/20/1984	Tsuji et al.			
	4,484,987	11/27/1984	Gough			
	4,522,690	06/11/1985	Venkatasesetty			
	4,524,114	06/18/1985	Samuels et al.			
	4,526,661	07/02/1985	Steckhan et al.			
	4,534,356	08/13/1985	Papadakis			
	4,538,616	09/03/1985	Rogoff			
	4,543,955	10/01/1985	Schroeppel			
	4,545,382	10/08/1985	Higgins et al.			

EXAMINER: <i>KC</i>	DATE CONSIDERED: 11/29/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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FORM 1449 OIPE APR 10 2002 PATENT & TRADEMARK OFFICE	INFORMATION DISCLOSURE STATEMENT	
	IN AN APPLICATION	
	(Use several sheets if necessary)	
	Docket Number: 12008.42USC1	Application Number: 10/033,575
Applicant: LIAMOS ET AL.		Filing Date: 12/28/2001
		Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KC	4,552,840	11/12/1985	Ritter			
	4,560,534	12/24/1985	Kung et al.			
	4,571,292	02/18/1986	Liu et al.			
	4,573,994	03/04/1986	Fischell et al.			
	4,581,336	04/08/1986	Malloy et al.			
	4,595,011	06/17/1986	Phillips			
	4,595,479	06/17/1986	Kimura et al.			
	4,619,754	10/28/1986	Niki et al.			
	4,633,878	01/06/1987	Bombardieri			
	4,637,403	01/20/1987	Garcia et al.			
	4,650,547	03/17/1987	Gough			
	4,654,197	03/31/1987	Ilja et al.			
	4,655,880	04/07/1987	Liu			
	4,655,885	04/07/1987	Hill et al.			
	4,671,288	06/09/1987	Gough			
	4,679,562	07/14/1987	Luksha			
	4,680,268	07/14/1987	Clark, Jr			
	4,682,602	07/28/1987	Prohaska			
	4,684,537	08/04/1987	Graetzel et al.			
	4,685,463	08/11/1987	Williams			
	4,703,756	11/03/1987	Gough et al.			
	4,711,245	12/08/1987	Higgins et al.			
	4,717,673	01/05/1988	Wrighton et al.			
	4,721,601	01/26/1988	Wrighton et al.			
	4,729,378	02/23/1988	Kaplan			
	4,750,496	06/14/1988	Reinhart et al.			
KC	4,757,022	07/12/1988	Shults et al.			

EXAMINER	DATE CONSIDERED
KC	11/14/03
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary.)	Docket Number	Application Number
	12008.42USC1	10/033,575
	Applicant LIAMOS ET AL.	
	Filing Date 12/28/2001	Group Art Unit. 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KO	4,758,323	07/19/1988	Davis et al.			
	4,759,371	07/26/1988	Franetski			
	4,759,828	07/26/1988	Young et al.			
	4,764,416	08/16/1988	Ueyama et al.			
	4,776,944	10/11/1988	Janata et al.			
	4,781,798	11/01/1988	Gough			
	4,784,736	11/15/1988	Lonsdale et al.			
	4,795,707	01/03/1989	Niyama et al.			
	4,805,624	02/21/1989	Yao et al.			
	4,813,424	03/21/1989	Wilkins			
	4,815,469	03/28/1989	Cohen et al.			
	4,820,399	04/11/1989	Senda et al.			
	4,822,337	04/18/1989	Newhouse et al.			
	4,830,959	05/16/1989	McNeil et al.			
	4,832,797	05/23/1989	Vadgama et al.			
	4,840,893	06/20/1989	Hill et al.			
	4,848,351	07/18/1989	Finch			
	4,854,153	08/08/1989	Miyagawa et al.			
	4,871,351	10/03/1989	Feingold			
	4,871,440	10/03/1989	Nagata et al.			
KO	4,890,620	01/02/1990	Gough			
	4,894,137	01/16/1990	Takizawa et al.			
	4,897,162	01/30/1990	Lewandowski et al.			
	4,897,173	01/30/1990	Nankai et al.			
	4,909,908	03/20/1990	Ross et al.			
	4,911,794	03/27/1990	Parce et al.			
	4,919,141	04/24/1990	Zier et al.			
	4,919,767	04/24/1990	Vadgama et al.			

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*Substitute Disclosure Statement Form (PTO-1449)

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FOR INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008.42USC1	Application Number: 10/033,575
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	Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KO	4,923,586	05/08/1990	Katayama et al.			
	4,927,516	05/22/1990	Yamaguchi et al.			
	4,935,105	06/19/1990	Churchouse			
	4,935,345	06/19/1990	Guilbeau et al.			
	4,936,956	06/26/1990	Wrighton			
	4,938,860	07/03/1990	Wogoman			
	4,942,127	07/17/1990	Wada et al.			
	4,945,045	07/31/1990	Forrest et al.			
	4,950,378	08/21/1990	Nagata			
	4,953,552	09/04/1990	DeMarzo			
	4,968,400	11/06/1990	Shimomura et al.			
	4,970,145	11/13/1990	Bennetto et al.			
	4,974,929	12/04/1990	Curry			
	4,986,271	01/22/1991	Wilkins			
	4,994,167	02/19/1991	Shults et al.			
	4,999,582	03/12/1991	Parks et al.			
	5,034,192	07/23/1991	Wrighton et al.			
	5,037,527	08/06/1991	Hayashi et al.			
	5,070,535	12/03/1991	Huchmair et al.			
	5,078,854	01/07/1992	Burgess et al.			
	5,082,550	01/21/1992	Rishpon et al.			
	5,082,786	01/21/1992	Nakamoto			
	5,089,112	02/18/1992	Skotheim et al.			
	5,094,951	03/10/1992	Rosenberg			
	5,096,560	03/17/1992	Takai et al.			
	5,096,836	03/17/1992	Macho et al.			
	5,101,814	04/07/1992	Pati			
	5,108,564	04/28/1992	Szuminsky et al.			

EXAMINER <i>Ker CO</i>	DATE CONSIDERED 11/24/03
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FORM 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008 42(USC1)	Application Number: 10/033,575
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KO	5,109,850	05/05/1992	Blanco et al.			
	5,120,420	06/09/1992	Nankai et al.			
	5,120,421	06/09/1992	Glass et al.			
	5,126,034	06/30/1992	Carter et al.			
	5,126,247	06/30/1992	Palmer et al.			
	5,128,015	07/07/1992	Szuminsky et al.			
	5,130,009	07/14/1992	Marsoner et al.			
	5,133,856	07/28/1992	Yamaguchi et al.			
	5,140,393	08/18/1992	Hijikihigawa et al.			
	5,141,868	08/25/1992	Shanks et al.			
	5,161,532	11/10/1992	Joseph			
	5,165,407	11/24/1992	Wilson et al.			
	5,168,046	12/01/1992	Hamamoto et al.			
	5,174,291	12/29/1992	Schoonen et al.			
	5,185,256	02/09/1993	Nankai et al.			
	5,192,415	03/09/1993	Yoshioka et al.			
	5,192,416	03/09/1993	Wang et al.			
	5,198,367	03/30/1993	Aizawa et al.			
	5,200,051	04/06/1993	Cozzette et al.			
	5,202,261	04/13/1993	Musho et al.			
	5,205,920	04/27/1993	Oyama et al.			
	5,206,145	04/27/1993	Cattell			
	5,208,154	05/04/1993	Weaver et al.			
	5,217,595	06/08/1993	Smith et al.			
	5,227,042	07/13/1993	Zawodzinski et al.			
	5,229,282	07/20/1993	Yoshioka et al.			
	5,250,439	10/05/1993	Musho et al.			
	5,262,035	11/16/1993	Gregg et al.			

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FORM 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008.42USC1	Application Number 10/033,573
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KO	5,262,305	11/16/1993	Heller et al.			
	5,264,103	11/23/1993	Yoshioka et al.			
	5,264,106	11/23/1993	McAleer et al.			
	5,266,179	11/30/1993	Nankai et al.			
	5,271,815	12/21/1993	Wong			
	5,272,060	12/21/1993	Hamamoto et al.			
	5,278,079	01/11/1994	Gubinski et al.			
	5,286,362	02/15/1994	Hoenes et al.			
	5,286,364	02/15/1994	Yacynych et al.			
	5,288,636	02/22/1994	Pollmann et al.			
	5,293,546	03/08/1994	Tadros et al.			
	5,310,885	05/10/1994	Maier et al.			
	5,320,725	06/14/1994	Gregg et al.			
	5,326,449	07/05/1994	Cunningham			
	5,337,747	08/16/1994	Nefel			
	5,352,348	10/04/1994	Young et al.			
	5,352,351	10/04/1994	White et al.			
	5,356,786	10/18/1994	Heller et al.			
	5,364,797	11/15/1994	Olson et al.			
	5,368,028	11/29/1994	Palti			
	5,372,133	12/13/1994	Hogen Esch			
	5,378,628	01/03/1995	Grätzel et al.			
	5,380,422	01/10/1995	Negishi et al.			
	5,382,346	01/17/1995	Uenoyama et al.			
	5,384,028	01/24/1995	Ito			
	5,387,327	02/07/1995	Khan			
	5,390,671	02/21/1995	Lord et al.			
	5,391,250	02/21/1995	Cheney, H et al.			

EXAMINER <i>KO</i>	DATE CONSIDERED 11/24/03
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FORM 1777 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008-42USC1	Application Number: 10/033,575
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RC	5,393,903	02/28/1995	Gratzel et al.			
	5,395,504	03/07/1995	Saurer et al.			
	5,410,474	04/25/1995	Fox			
	5,411,647	05/02/1995	Johnson et al.			
	5,413,690	05/09/1995	Kost et al.			
	5,422,246	06/06/1995	Koopal et al.			
	5,437,973	08/01/1995	Vadgama et al.			
	5,437,999	08/1995	Diebold et al.			
	5,438,271	08/01/1995	White et al.			
	5,478,751	12/26/1995	Oosta et al.			
	5,494,562	02/27/1996	Maley et al.			
	5,496,453	03/05/1996	Uenoyama et al.			
	5,497,772	03/12/1996	Schulman et al.			
	5,501,956	03/26/1996	Wada et al.			
	5,502,396	03/26/1996	Desarzens et al.			
	5,507,288	04/16/1996	Boeker et al.			
	5,508,171	04/16/1996	Walling et al.			
	5,514,253	05/07/1996	Davis et al.			
	5,520,787	05/28/1996	Hanagan et al.			
	5,525,511	06/11/1996	D'Costa			
	5,526,120	06/11/1996	Jina et al.			
	5,531,878	07/02/1996	Vadgama et al.			
	5,552,027	09/03/1996	Birkle et al.			
	5,556,524	09/17/1996	Albers			
	5,565,085	10/15/1996	Ikeda et al.			
	5,567,302	10/22/1996	Song et al.			
	5,568,806	10/29/1996	Cheney, II et al.			
	5,569,186	10/29/1996	Lord et al.			

EXAMINER <i>RC</i>	DATE CONSIDERED <i>11/15/09</i>
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FORM 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number. 12008 42USC1	Application Number. 10/033,575
	Applicant: LIAMOS ET AL	
	Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KO	5,575,895	11/19/1996	Ikeda et al.			
	5,580,527	12/03/1996	Bell et al.			
	5,582,184	12/10/1996	Erickson et al.			
	5,582,697	12/10/1996	Ikeda et al.			
	5,582,698	12/10/1996	Flaherty et al.			
	5,586,353	12/24/1996	Halili et al.			
	5,589,045	12/31/1996	Hyodo			
	5,589,326	12/31/1996	Deng et al.			
	5,593,852	01/14/1997	Heller et al.			
	5,596,150	01/21/1997	Arndt et al.			
	5,617,851	04/08/1997	Lipkovker			
	5,628,890	05/13/1997	Carter et al.			
	5,650,062	07/22/1997	Ikeda et al.			
	5,651,869	07/29/1997	Yoshioka et al.			
	5,660,163	08/26/1997	Schulman et al.			
	5,670,031	09/23/1997	Hintsche et al.			
	5,680,858	10/28/1997	Hansen et al.			
	5,682,233	10/28/1997	Brinda			
	5,695,623	12/09/1997	Michel et al.			
	5,708,247	01/13/1998	McAleer et al.			
	5,711,861	01/27/1998	Ward et al.			
	5,711,862	01/27/1998	Sakoda et al.			
	5,720,862	02/24/1998	Hamamoto et al.			
	5,727,548	03/17/1998	Hill et al.			
	5,741,211	04/21/1998	Renirie et al.			
	5,741,688	04/21/1998	Oxenboll et al.			
	5,746,217	05/05/1998	Erickson et al.			
	5,770,028	06/23/1998	Maley et al.			

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 11/24/03
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FORM 100 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number 12008-42USC1	Application Number 10/033,575
	Applicant: LIAMOS ET AL	
	Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KO	5,781,455	07/14/1998	Ilyodo			
	5,791,344	08/11/1998	Schulman et al			
	5,804,048	09/08/1998	Wong et al			
	5,820,570	10/13/1998	Erickson et al.			
	5,830,341	11/03/1998	Gilmartin			
	5,834,224	11/10/1998	Ruger et al			
	5,837,454	11/17/1998	Cozzette et al.			
	5,842,983	12/01/1998	Abel et al.			
	5,846,702	12/08/1998	Deng et al.			
	5,846,744	12/08/1998	Athey et al.			
	5,857,983	01/12/1999	Douglas et al.			
	5,879,311	03/09/1999	Duchon et al.			
	6,004,441	12/21/1999	Fujiwara et al.			
	6,023,866	03/07/2000	Guo et al			
	6,071,391	6/2000	Gotoh et al.			
KO	6,120,676	09/19/2000	Heller et al			
	6,143,164	11/07/2000	Heller et al.			
	6,153,069	11/28/2000	Pottgen et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KO	29 03 216	08/02/1979	DE			Abstract	
	227 029 A3	09/04/1985	DD (East Germany)			Abstract	
	0 048 090 A2	03/24/1982	EP				
	0 078 636 A1	05/11/1983	EP				
	0 096 288 A1	12/21/1983	EP			Abstract	
KU	0 125 139 A2	11/14/1984	EP				
	0 136 362 A1	04/10/1985	EP				

EXAMINER <i>Kj</i>	DATE CONSIDERED 11/24/03
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	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KO	0 170 375 A2	02/05/1986	EP				
	0 080 304 B1	05/21/1986	EP				
	0 184 909 A2	06/18/1986	EP				
	0 206 218 A2	12/30/1986	EP				
	0 230 472 A1	08/05/1987	EP				
	0 241 309 A3	10/14/1987	EP				
	0 245 073 A2	11/11/1987	EP				
	0 255 291 B1	06/24/1992	EP				
	0 278 647 A2	08/17/1988	EP				
	0 286 084 A2	10/12/1988	EP				
	0 359 831 A1	03/28/1990	EP				
	0 368 209 A1	05/16/1990	EP				
	0 390 390 A1	10/03/1990	EP				
	0 400 918 A1	12/05/1990	EP				
	0 453 283 A1	10/23/1991	EP				
	0 470 290 A1	02/12/1992	EP			Abstract	
	0 537 761 A2	04/21/1993	EP				
	0 127 958 B2	04/10/1996	EP				
	0 781 406 B1	05/06/1998	EP				
	1394 171	05/14/1975	GB				
KO	2 073 891 A	10/21/1981	GB				
	2 154 003 B	08/29/1985	GB				
	2 204 408 A	11/09/1988	GB				
	54-41191	04/02/1979	JP			Abstract	
	55-10581	01/25/1980	JP			Abstract	
	55-10583	01/25/1980	JP			Abstract	
	55-10584	01/25/1980	JP			Abstract	

EXAMINER <i>Kay CB</i>	DATE CONSIDERED 11/27/03
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Date Mailed: March 27 2002

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INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:
12008-42USC1Application Number:
10/033,373

Applicant: LIAMOS ET AL.

Filing Date: 12/28/2001

Group Art Unit: 3761

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KO	55-12406	01/29/1980	JP			Abstract	
	56-163447	12/16/1981	JP			Abstract	
	57-70448	04/30/1982	JP			Abstract	
	60-173457	09/06/1985	JP			Abstract	
	60-173458	09/06/1985	JP			Abstract	
	60-173459	09/06/1985	JP			Abstract	
	61-90050	05/08/1986	JP			Abstract	
	62-85855	04/20/1987	JP			Abstract	
	62-114747	05/26/1987	JP			Abstract	
	63-58149	03/12/1988	JP			Abstract	
	63-128252	05/31/1988	JP			Abstract	
	63-139246	06/11/1988	JP			Abstract	
	63-294799	12/01/1988	JP			Abstract	
	63-317758	12/26/1988	JP			Abstract	
	1-114746	05/08/1989	JP			Abstract	
	1-114747	05/08/1989	JP			Abstract	
	1-134244	05/26/1989	JP			Abstract	
	1-156658	06/20/1989	JP			Abstract	
	2-62958	03/02/1990	JP			Abstract	
	2-120655	05/08/1990	JP			Abstract	
KO	2-287145	11/27/1990	JP			Abstract	
	2-310457	12/26/1990	JP			Abstract	
	3-26956	02/05/1991	JP			Abstract	
	3-28752	02/06/1991	JP			Abstract	
	3-202764	09/04/1991	JP			Abstract	
	5-72171	03/23/1993	JP			Abstract	
	5-196595	08/06/1993	JP			Abstract	
	WO 85/05119	11/21/1985	PCT			Abstract	

EXAMINER

DATE CONSIDERED

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FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number
1200R 42USC1Application Number
10/033,575

Applicant: LIAMOS ET AL.

Filing Date: 12/28/2001

Group Art Unit: 3761



FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KO	WO 89/08713	09/21/1989	PCT				
	WO 90/05300	05/17/1990	PCT				
	WO 91/04704	04/18/1991	PCT			Abstract	
	WO 92/13271	08/06/1992	PCT				
	WO 94/20602	09/15/1994	PCT				
	WO 94/27140	11/24/1994	PCT				
	WO 95/02817	01/26/1995	PCT				
	WO 97/00441	01/03/1997	PCT				
	WO 97/18464	05/1997	PCT				
	WO 97/19344	05/29/1997	PCT				
	WO 97/42882	11/20/1997	PCT				
	WO 97/42883	11/20/1997	PCT				
	WO 97/42886	11/20/1997	PCT				
	WO 97/42888	11/20/1997	PCT				
	WO 97/43962	11/27/1997	PCT				
	WO 98/35225	08/13/1998	PCT				
	WO 98/43073	10/01/1998	PCT				
	WO 98/58250	12/23/1998	PCT				
	WO 99/08106	02/18/1999	PCT				
	WO 99/30152	06/17/1999	PCT				
	1281988 A1	01/07/1987	SU			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Abruna, H. D. et al., "Rectifying Interfaces Using Two-Layer Films of Electrochemically Polymerized Vinylpyridine and Vinylbipyridine Complexes of Ruthenium and Iron on Electrodes," <i>J. Am. Chem. Soc.</i> , 103(1) 1-5 (January 14, 1981).
	Albery, W. J. et al., "Amperometric enzyme electrodes. Part II. Conducting salts as electrode materials for the oxidation of glucose oxidase," <i>J. Electroanal. Chem. Interfacial Electrochem.</i> , 194(2) (1 page - Abstract only) (1985).
KO	Albery, W. J. et al., "Amperometric Enzyme Electrodes," <i>Phil. Trans. R. Soc. Lond. B316</i> :107-119 (1987)

EXAMINER

DATE CONSIDERED


EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number:	Application Number
	12008.42/USC1	10/033.575
	Applicant: LAMOS ET AL	
	Filing Date: 12/28/2001	Group Art Unit: 3761



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

10	Degani, Y. et al., "Direct Electrical Communication between Chemically Modified Enzymes and Metal Electrodes. 1. Electron Transfer from Glucose Oxidase to Metal Electrodes via Electron Relays, Bound Covalently to the Enzyme," <i>J. Phys. Chem.</i> , 91 (6):1285-1289 (1987).
	Degani, Y. et al., "Direct Electrical Communication between Chemically Modified Enzymes and Metal Electrodes. 2. Methods for Bonding Electron-Transfer Relays to Glucose Oxidase and D-Amino-Acid Oxidase," <i>J. Am. Chem. Soc.</i> , 110 (8):2615-2620 (1988).
	Degani, Y. et al., "Electrical Communication between Redox Centers of Glucose Oxidase and Electrodes via Electrostatically and Covalently Bound Redox Polymers," <i>J. Am. Chem. Soc.</i> , 111 :2357-2358 (1989).
	Denisevich, P. et al., "Unidirectional Current Flow and Charge State Trapping at Redox Polymer Interfaces on Bilayer Electrodes: Principles, Experimental Demonstration, and Theory," <i>J. Am. Chem. Soc.</i> , 103 (16):4727-4737 (1981).
	Dicks, J. M., "Ferrocene modified polypyrrole with immobilised glucose oxidase and its application in amperometric glucose microbiosensors," <i>Ann. Biol. Clin.</i> , 47 :607-619 (1989).
	Engstrom, R.C., "Electrochemical Pretreatment of Glassy Carbon Electrodes", <i>Anal. Chem.</i> , 54 (13) 2310-2314 (November 1982).
	Engstrom, R.C. et al., "Characterization of Electrochemically Pretreated Glassy Carbon Electrodes", <i>Anal. Chem.</i> , 56 (2):130-141 (February 1984).
	Ellis, C. D., "Selectivity and Directed Charge Transfer through an Electroactive Metallopolymer Film," <i>J. Am. Chem. Soc.</i> , 103 (25):7480-7483 (1981).
	Fischer, H. et al., "Intramolecular Electron Transfer Mediated by 4,4'-Bipyridine and Related Bridging Groups", <i>J. Am. Chem. Soc.</i> , 98 (18):5512-5517 (September 1, 1976).
	Foulds, N.C. et al., "Enzyme Entrapment in Electrically Conducting Polymers," <i>J. Chem. Soc., Faraday Trans 1</i> , 82 1259-1264 (1986).
	Foulds, N.C. et al., "Immobilization of Glucose Oxidase in Ferrocene-Modified Pyrrole Polymers," <i>Anal. Chem.</i> , 60 (22):2473-2478 (November 15, 1988).
	Frew, J.E. et al., "Electron-Transfer Biosensors", <i>Phil. Trans. R. Soc. Lond.</i> , B316 :95-106 (1987).
	Gernet, S. et al., "Fabrication and Characterization of a Planar Electrochemical Cell and Its Application as a Glucose Sensor", <i>Biosensors & Actuators</i> , 18 :59-70 (1989).
	Gorton, L. et al., "Selective detection in flow analysis based on the combination of immobilized enzymes and chemically modified electrodes," <i>Analytica Chimica Acta</i> , 250 203-248 (1991).
	Gregg, B. A. et al., "Cross-Linked Redox Gels Containing Glucose Oxidase for Amperometric Biosensor Applications," <i>Analytical Chemistry</i> , 62 (3) 258-263 (February 1, 1990).
	Gregg, B. A. et al., "Redox Polymer Films Containing Enzymes. 1. A Redox-Conducting Epoxy Cement: Synthesis, Characterization and Electrocatalytic Oxidation of Hydroquinone," <i>J. Phys. Chem.</i> , 95 (15):5970-5975 (1991).
	Inle, P.D. et al., "A New Class of Amperometric Biosensor Incorporating a Polymeric Electron-Transfer Mediator," <i>J. Am. Chem. Soc.</i> , 111 (9):3482-3484 (1989).
	Harrison, D.J. et al., "Characterization of Perfluorosulfonic Acid Polymer Coated Enzyme Electrodes and a Miniaturized Integrated Potentiostat for Glucose Analysis in Whole Blood", <i>Anal. Chem.</i> , 60 (19) 2002-2007 (October 1, 1988).
	Hawkrigde, F. M. et al., "Indirect Coulometric Titration of Biological Electron Transport Components," <i>Analytical Chemistry</i> , 45 (7):1021-1027 (June 1973).
10	Heinemann, W.R. et al., "Measurement of Enzyme E ⁰ Values by Optically Transparent Thin Layer Electrochemical Cells", <i>Analytical Chemistry</i> , 47 (1):79, 82-84 (January 1975).

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	11/24/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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Date Mailed: March 27, 2002

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008.42USC1	Application Number: 10/033.575
	Applicant: LJAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
HO	Heinemann, W.R. "Spectro-electro-chemistry". <i>Analytical Chemistry</i> , 50(3):390-392, 394, 396, 398, 400, 402 (March 1978)
	Heller, A., "Amperometric biosensors based on three-dimensional hydrogel-forming epoxy networks," <i>Sensors and Actuators B</i> , 13-14:180-183 (1993).
	Heller, A., "Electrical Connection of Enzyme Redox Centers to Electrodes," <i>J. Phys. Chem.</i> , 96(9):3579-3587 (1992)
	Heller, A., "Electrical Wiring of Redox Enzymes," <i>Acc. Chem. Res.</i> , 23(5):129-134 (1990).
	Ianniello, R.M. et al. "Immobilized Enzyme Chemically Modified Electrode as an Amperometric Sensor," <i>Anal. Chem.</i> , 53(13):2090-2095 (November 1981).
	Ianniello, R.M. et al., "Differential Pulse Voltammetric Study of Direct Electron Transfer in Glucose Oxidase Chemically Modified Graphite Electrodes," <i>Anal. Chem.</i> , 54(7):1098-1101 (June 1981).
	Keda, T. et al., "Glucose oxidase-immobilized benzoquinone-carbon paste electrode as a glucose sensor," <i>Agric. Biol. Chem.</i> , 49(2) (1 page - Abstract only) (1985)
	Johnson, J. M. et al. "Potential-Dependent Enzymatic Activity in an Enzyme Thin-Layer Cell," <i>Anal. Chem.</i> 54:1377-1383 (1982).
	Johnson K. W. et al., "In Vivo Evaluation of an Electroenzymatic Glucose Sensor Implanted in Subcutaneous Tissue", <i>Biosensors & bioelectronics</i> 7:709-714 (1992)
	Johnson, K.W. "Reproducible Electrodeposition of Biomolecules for the Fabrication of Miniature Electroenzymatic Biosensors", <i>Sensors and Actuators B Chemical</i> , B5:85-89 (1991)
	Jonsson, G. et al., "An Amperometric Glucose Sensor Made by Modification of a Graphite Electrode Surface With Immobilized Glucose Oxidase and Adsorbed Mediator", <i>Biosensors</i> , 1:355-368 (1985).
	Josowicz, M. et al. "Electrochemical Pretreatment of Thin Film Platinum Electrodes," <i>J. Electrochem. Soc.</i> , 135(1):112-115 (January 1988).
	Katakis, I. et al., "Electrostatic Control of the Electron Transfer Enabling Binding of Recombinant Glucose Oxidase and Redox Polyelectrolytes," <i>J. Am. Chem. Soc.</i> , 116(8):3617-3618 (1994).
	Katakis, I. et al., "L- α -Glycerophosphate and L-Lactate Electrodes Based on the Electrochemical "Wiring" of Oxidases," <i>Analytical Chemistry</i> , 64(9):1008-1013 (May 1, 1992).
	Kennis, G. et al., "Wiring" of glucose oxidase and lactate oxidase within a hydrogel made with poly(vinyl pyridine) complexed with [Os(4,4'-dimethoxy-2,2'-bipyridine) $_2$ C $^{1+}$] $_2$," <i>J. Chem. Soc., Faraday Trans.</i> , 92(20):4131-4136 (1996)
	Kondo, T. et al., "A Miniature Glucose Sensor, Implantable in the Blood Stream", <i>Diabetes Care</i> , 5(3):218-221 (May-June 1982)
	Kulys, J. et al., "Mediatorless peroxidase electrode and preparation of bienzyme sensors," <i>Bioelectrochemistry and Bioenergetics</i> , 24:305-311 (1990)
	Lager, W. et al., "Implantable Electrocatalytic Glucose Sensor," <i>Horm. Metab. Res.</i> , 26:526-530 (November 1994).
	Lee, J. et al., "A New Glucose Sensor using Microporous Enzyme Membrane", <i>Sensors and Actuators</i> , B3:215-219 (1991)
	Lewandowski, J.J. et al., "Evaluation of a Miniature Blood Glucose Sensor", <i>Trans Am Soc Artif Intern Organs</i> , XXXIV: 255-258 (1988)
HO	Lindner, E. et al. "Flexible (Kapton-Based) Microsensor Arrays of High Stability for Cardiovascular Applications", <i>J. Chem Soc. Faraday Trans.</i> , 89(2):361-367 (January 21, 1993).

EXAMINER: 	DATE CONSIDERED: 11/28/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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Date Mailed: March 27 2002

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number 12008 42USC1	Application Number: 10/033.575
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KO	Maidan, R. et al., "Elimination of Electrooxidizable Interferant-Produced Currents in Amperometric Biosensors," <i>Analytical Chemistry</i> , 64(23):2889-2890 (December 1, 1992).
	Mann-Buxbaum, E. et al., "New Microminiaturized Glucose Sensors Using Covalent Immobilization Techniques", <i>Sensors and Actuators</i> , B1:518-522 (1990)
	Mastrototaro, J.J. et al., "An Electroenzymatic Glucose Sensor Fabricated on a Flexible Substrate", <i>Sensors and Biosensors B Chemical</i> , B5:139-144 (1991).
	Matthews, D.R., et al., "An Amperometric Needle-Type Glucose Sensor Tested in Rats and Man", <i>Original Articles</i> , pp. 248-252 (1988)
	McKeon et al., "A telemetry-Instrumentation System for Chronically Implanted Glucose and Oxygen Sensors", <i>IEEE Transactions of Biomedical Engineering</i> , 35(7):526-532 (July 1988)
	McNeil, C. J. et al., "Thermostable Reduced Nicotinamide Adenine Dinucleotide Oxidase Application to Amperometric Enzyme Assay," <i>Anal. Chem.</i> , 61(1):25-29 (January 1, 1989).
	Miyawaki, O. et al., "Electrochemical and Glucose Oxidase Coenzyme Activity of Flavin Adenine Dinucleotide Covalently Attached to Glassy Carbon at the Adenine Amino Group", <i>Biochimica et Biophysica Acta</i> , 838 60-68 (1985).
	Moatti-Sirat, D. et al., "Evaluating <i>in vitro</i> and <i>in vivo</i> the interference of ascorbate and acetaminophen on glucose detection by a needle-type glucose sensor," <i>Biosensors & Bioelectronics</i> , 7(5):345-352 (1992)
	Moatti-Sirat, D. et al., "Reduction of acetaminophen interference in glucose sensors by a composite Nafion membrane: demonstration in rats and man," <i>Diabetologia</i> , 37(6) (1 page - Abstract only) (June 1994).
	Moatti-Sirat, D. et al., "Towards continuous glucose monitoring: <i>in vivo</i> evaluation of a miniaturized glucose sensor implanted for several days in rat subcutaneous tissue," <i>Diabetologia</i> , 35(3) (1 page - Abstract only) (March 1992).
	Moser, I. et al., "Advanced Immobilization and Protein Techniques on thin Film-Biosensors", <i>Sensors and Actuators</i> , B7:356-362 (1992)
	Muussy, F. et al., "Performance of Subcutaneously Implanted Needle-Type Glucose Sensors Employing a Novel Trilayer Coating", <i>Anal. Chem.</i> , 65:2072-2077 (1993)
	Nagy, G. et al., "A New Type of Enzyme Electrode: The Ascorbic Acid Eliminator Electrode," <i>Life Sciences</i> , 31(23):2611-2616 (1982)
	Nakamura, S. et al., "Effect of Periodate Oxidation on the Structure and Properties of Glucose Oxidase," <i>Biochimica et Biophysica Acta</i> , 445:294-308 (1976).
	Narazimhan, K. et al., "p-Benzoquinone activation of metal oxide electrodes for attachment of enzymes," <i>Enzyme Microb. Technol.</i> , 7(6) (1 page - Abstract only) (1985).
	Ohara, T. J. et al., "Glucose Electrodes Based on Cross-Linked [Os(bpy) ₂ Cl] ^{+/2+} Complexed Poly(1-vinylimidazole) Films," <i>Analytical Chemistry</i> , 65(23):3512-3516 (December 1, 1993).
	Ohara, T. J., "Osmium Bipyridyl Redox Polymers Used in Enzyme Electrodes," <i>Platinum Metals Rev.</i> , 39(2):54-62 (April 1995).
	Ohara, T. J. et al., "Wired" Enzyme Electrodes for Amperometric Determination of Glucose or Lactate in the Presence of Interfering Substances," <i>Analytical Chemistry</i> , 66(15):2451-2457 (August 1, 1994).
	Olivier, C. N. et al., "In vivo Measurement of Carbon Dioxide Tension with a Miniature Electrode," <i>Pflügers Arch.</i> 373:269-272 (1978).
KO	Paddock, R. et al., "Electrocatalytic reduction of hydrogen peroxide via direct electron transfer from pyrolytic graphite electrodes to irreversibly adsorbed cytochrome c peroxidase," <i>J. Electroanal. Chem.</i> , 260:487-494 (1989).

EXAMINER <i>Kai</i>	DATE CONSIDERED 11/24/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

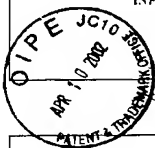
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Date Filed March 27 2002

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number. 12008.42USC1	Application Number 10/033,575
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KO	Palleschi, G. et al., "A Study of Interferences in Glucose Measurements in Blood by Hydrogen Peroxide Based Glucose Probes", <i>Anal. Biochem.</i> , 159:114-121 (1986)
	Palleschi, G. et al., "Ideal Hydrogen Peroxide-Based Glucose Sensor", <i>Applied Biochemistry and Biotechnology</i> , 31:21-35 (1991)
	Pankratov, I. et al., "Sol-gel derived renewable-surface biosensors," <i>Journal of Electroanalytical Chemistry</i> , 393:35-41 (1995)
	Pathak, C. P. et al., "Rapid Photopolymerization of Immunoprotective Gels in Contact with Cells and Tissue," <i>J. Am. Chem. Soc.</i> , 114(21):8311-8312 (1992)
	Pickup, J. et al., "Potentially-implantable, amperometric glucose sensors with mediated electron transfer: improving the operating stability," <i>Biosensors</i> , 4(2) (1 page - Abstract only) (1989)
	Pishko, M.V. et al., "Amperometric Glucose Microelectrodes Prepared Through Immobilization of Glucose Oxidase in Redox Hydrogels", <i>Anal. Chem.</i> , 63(20):2268-2272 (October 15, 1991).
	Poiout, V. et al., "A glucose monitoring system for on line estimation in man of blood glucose concentration using a miniaturized glucose sensor implanted in the subcutaneous tissue and a wearable control unit," <i>Diabetologia</i> , 36(7) (1 page - Abstract only) (July 1993).
	Poiout, V. et al., "Calibration in dogs of a subcutaneous miniaturized glucose sensor using a glucose meter for blood glucose determination," <i>Biosensors & Bioelectronics</i> , 7:587-592 (1992).
	Poiout, V. et al., "In vitro and in vivo evaluation in dogs of a miniaturized glucose sensor," <i>ASAI Transactions</i> , 37(3) (1 page - Abstract only) (July-September 1991)
	Pollak, A. et al., "Enzyme Immobilization by Condensation Copolymerization into Cross-Linked Polyacrylamide Gels," <i>J. Am. Chem. Soc.</i> , 102(20):6324-6336 (1980).
	Pons, B. S. et al., "Application of Deposited Thin Metal Films as Optically Transparent Electrodes for Internal Reflection Spectrometric Observation of Electrode Solution Interfaces", <i>Analytical Chemistry</i> , 39(6):685-688. (May 1967)
	Reisch, G. et al., "A Method for Evaluating in vivo the Functional Characteristics of Glucose Sensors", <i>Biosensors</i> 2:211-220 (1986)
	Reisch, G. et al., "Can Continuous Glucose Monitoring Be Used for the Treatment of Diabetes?" <i>Analytical Chemistry</i> , 64(6):381-386 (March 15, 1992).
	Rebrin, K. et al., "Automated Feedback Control of Subcutaneous Glucose Concentration in Diabetic Dogs", <i>Diabetologia</i> , 32(8):573-576 (August 1989).
	Sasso, S.V. et al., "Electropolymerized 1,2-Diaminobenzene as a Means to Prevent Interferences and Fouling and to Stabilize Immobilized Enzyme in Electrochemical Biosensors", <i>Anal. Chem.</i> , 62(11):1111-1117 (June 1, 1990).
	Schalkhammer, T. et al., "Electrochemical Glucose Sensors on Permeable Non-conducting Substituted Pyrrole Polymers", <i>Sensors and Actuators</i> , B4:273-281 (1991)
	Scheller, F. et al., "Enzyme electrodes and their application," <i>Phil. Trans. R. Soc. Lond.</i> , B 316:85-94 (1987).
	Shichiri, M. et al., "Glycaemic Control in Pancreatized Dogs with a Wearable Artificial Endocrine Pancreas", <i>Diabetologia</i> , 24(3):179-184 (March 1983)
	Shigeru, T. et al., "Simultaneous Determination of Glucose and 1,5- Anhydroglucitol", <i>Chemical Abstracts</i> , 111:394 (1989)
	Sittampalam, G. et al., "Surface-Modified Electrochemical Detector for Liquid Chromatography", <i>Anal. Chem.</i> , 55(9):1608-1610 (August 1983).
KO	Sugijoko, S. et al., <i>Horm. Metab. Res., Suppl. Ser.</i> , 12 (1 page - Abstract only) (1982).

EXAMINER <i>Joh</i>	DATE CONSIDERED 11/24/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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Docket Number.

12008.42USC1

Application Number:

10/033.575

Applicant: LIAMUS ET AL.

Filing Date 12/28/2001

Group Art Unit 3761

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

10	Sprules, S. D. et al., "Evaluation of a New Disposable Screen-Printed Sensor Strip for the Measurement of NADH and Its Modification to Produce a Lactate Biosensor Employing Microliter Volumes," <i>Electroanalysis</i> , 8(6) 539-543 (1996).
	Sternberg, F. et al., "Calibration Problems of Subcutaneous Glucosensors when Applied "In-Situ" in Man," <i>Horm. metabol. Res.</i> 26:523-525 (1994).
	Sternberg, R. et al., "Covalent Enzyme Coupling on Cellulose Acetate Membranes for Glucose Sensor Development," <i>Analytical Chemistry</i> , 60(24):2781-2786 (December 15, 1988).
	Suckane, M., "Immobilization of glucose isomerase," <i>Zeitschrift für Allgemeine Mikrobiologie</i> , 22(8):565-576 (1982).
	Tarasovich, M.R. "Bioelectrocatalysis", <i>Comprehensive Treatise of Electrochemistry</i> 10 (Ch. 4) 231-295 (1985)
	Taylor, C. et al., "Wiring" of glucose oxidase within a hydrogel made with polyvinyl imidazole complexed with [(Os-4,4'-dimethoxy-2,2'-bipyridine)Cl] ^{+/2+} ," <i>Journal of Electroanalytical Chemistry</i> , 396: 511-515 (1995)
	Trojanowicz, M. et al., "Enzyme Entrapped Polypyrrole Modified Electrode for Flow-Injection Determination of Glucose," <i>Biosensors & Bioelectronics</i> , 5:149-156 (1990).
	Turner, A.P.F. et al., "Diabetes Mellitus: Biosensors for Research and Management", <i>Biosensors</i> , 1:85-115 (1985).
	Turner, R. F. B. et al., "A Biocompatible Enzyme Electrode for Continuous <i>in vivo</i> Glucose Monitoring in Whole Blood," <i>Sensors and Actuators</i> , B1(1-6):561-564 (January 1990).
	Umalla M., "Protein-Modified Electrochemically Active Biomaterial Surface," <i>U.S. Army Research Office Report</i> , (12 pages) (December 1988)
	Urban, G. et al., "Miniaturized Thin-Film Biosensors Using Covalently Immobilized Glucose Oxidase," <i>Biosensors & Bioelectronics</i> , 6(7):555-562 (1991)
	Velho, G. et al., "Strategies for calibrating a subcutaneous glucose sensor," <i>Biomed. Biochim. Acta</i> , 48(11/12):957-964 (1989).
	Von Woedke, T. et al., "In Situ Calibration of Implanted Electrochemical Glucose Sensors," <i>Biomed. Biochim. Acta</i> , 48(11/12):943-952 (1989).
	Vreeke, M. S. et al., "Chapter 15 Hydrogen Peroxide Electrodes Based on Electrical Connection of Redox Centers of Various Peroxidases to Electrodes through a Three-Dimensional Electron-Relaying Polymer Network," <i>Diagnostic Biosensor Polymers</i> , 7 pgs. (July 2n, 1993)
	Vreeke, M. et al., "Hydrogen Peroxide and β -Nicotinamide Adenine Dinucleotide Sensing Amperometric Electrodes Based on Electrical Connection of Horseradish Peroxidase Redox Centers to Electrodes through a Three-Dimensional Electron Relaying Polymer Network," <i>Analytical Chemistry</i> , 64(24):3084-3090 (December 15, 1992).
	Wang, J. et al., "Activation of Glassy Carbon Electrodes by Alternating Current Electrochemical Treatment", <i>Analytica Chimica Acta</i> , 167:325-334 (January 1985)
	Wang, J. et al., "Amperometric biosensing of organic peroxides with peroxidase-modified electrodes," <i>Analytica Chimica Acta</i> , 254:81-88 (1991).
	Wang, J. et al., "Screen-Printable Sol-Gel Enzyme-Containing Carbon Inks," <i>Analytical Chemistry</i> , 68(15):2705-2708 (August 1, 1996).
	Wang, J. et al., "Sol-Gel-Derived Metal-Dispersed Carbon Composite Amperometric Biosensors," <i>Electroanalysis</i> , 9(1):52-55 (1997).
	Williams, D.L. et al., "Electrochemical-Enzymatic Analysis of Blood Glucose and Lactate," <i>Anal. Chem.</i> , 42(1):118-121 (January 1970).
10	Yabuki, S. et al., "Electro-conductive Enzyme Membrane," <i>J. Chem. Soc. Chem. Commun.</i> 945-946 (1989)

EXAMINER


DATE CONSIDERED

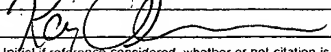
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number 12008.42USC1	Application Number: 10/033,575
	Applicant LIAMOS ET AL.	
	Filing Date 12/28/2001	Group Art Unit: 3761

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Yamasaki, Y., "The Development of a Needle-Type Glucose Sensor for Wearable Artificial Endocrine Pancreas", <i>Medical Journal of Osaka University</i> , Vol. 35, No. 1-2, pp. 24-34 (September 1994)
		Yang, L. et al., "Determination of Oxidase Enzyme Substrates Using Cross-Flow Thin-Layer Amperometry," <i>Electroanalysis</i> , 8(8-9):716-721 (1996)
		Yao, S. J. et al., "The Interference of Ascorbate and Urea in Low-Potential Electrochemical Glucose Sensing", <i>Proceedings of the Twelfth Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 12(2):487-489 (November 1-4, 1990)
		Yao, T. et al., "A Chemically-Modified Enzyme Membrane Electrode As An Amperometric Glucose Sensor," <i>Analytica Chimica Acta</i> , 148:27-33 (1983).
		Ye, L. et al., "High Current Density "Wired" Quinoprotein Glucose Dehydrogenase Electrode," <i>Anal. Chem.</i> , 65(3):238-241 (February 1, 1993).
		Yildiz, A., "Evaluation of an Improved Thin-Layer Electrode", <i>Analytical Chemistry</i> , 40(7):1018-1024 (June 1968)
		Zamzow, K. et al., "New Wearable Continuous Blood Glucose Monitor (BGIM) and Artificial Pancreas (AP), <i>Diabetes</i> , 39:5A(20) (May 1990)

EXAMINER 	DATE CONSIDERED 11/24/03
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